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FIG. 1 PRIOR ART

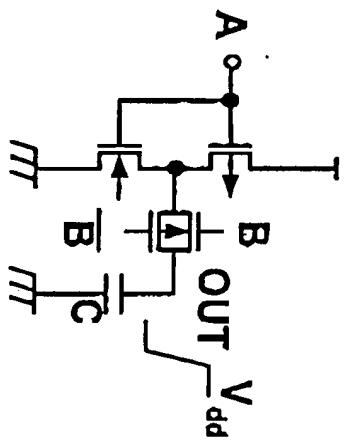
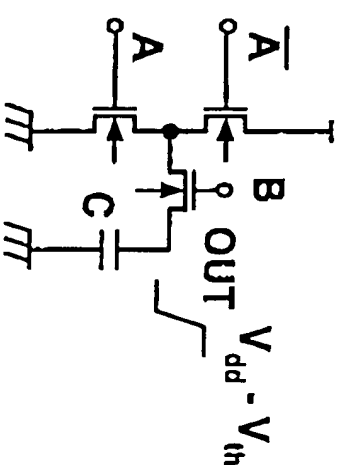
	Conventional	Low swing signaling
Concept		
Power	$CV_{dd}^2 f$	$CV_{dd} V_s f$
Delay	$CV_{dd} / (V_{dd} - V_{th})^\alpha$	$CV_{dd} / (V_{dd} - V_{th})^\alpha$

FIG. 2 PRIOR ART

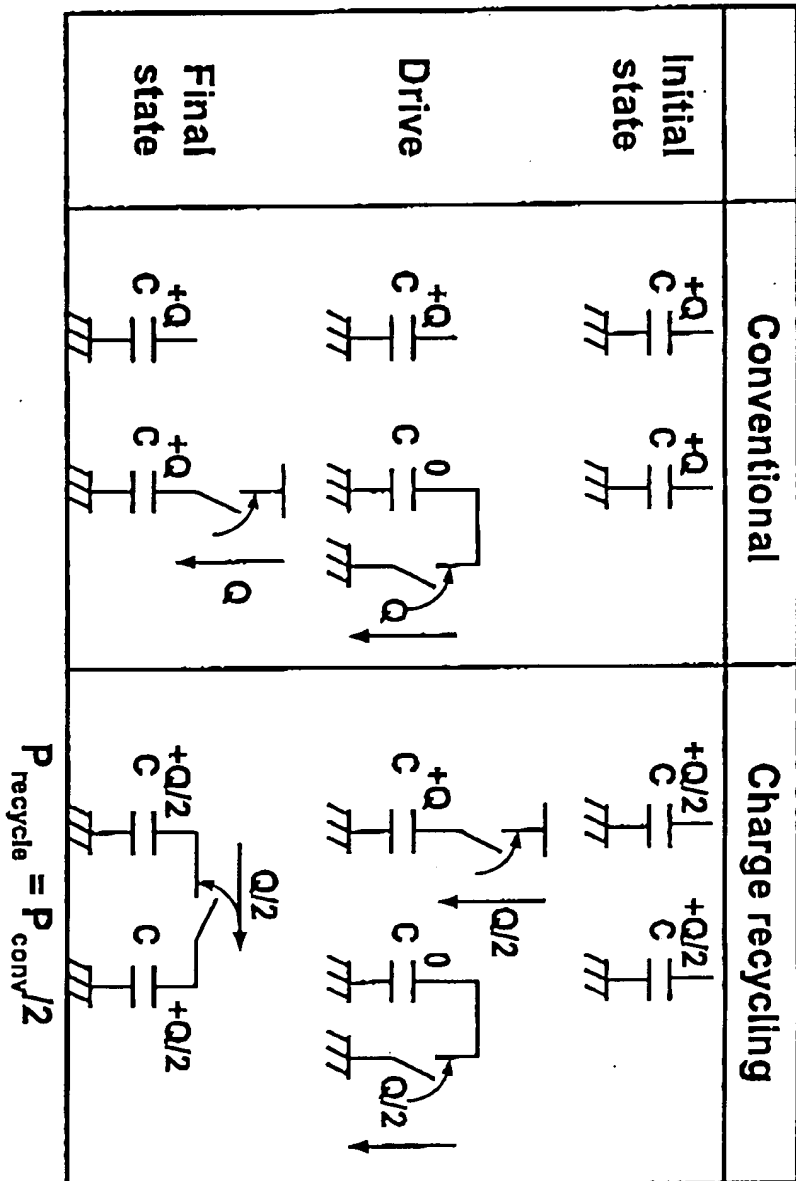


FIG.3

PRIOR ART

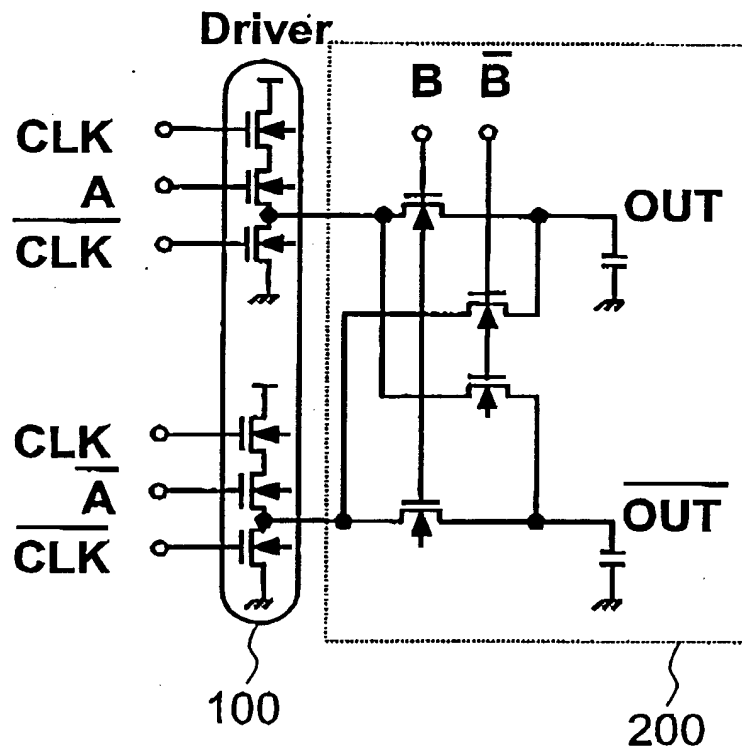


FIG. 4

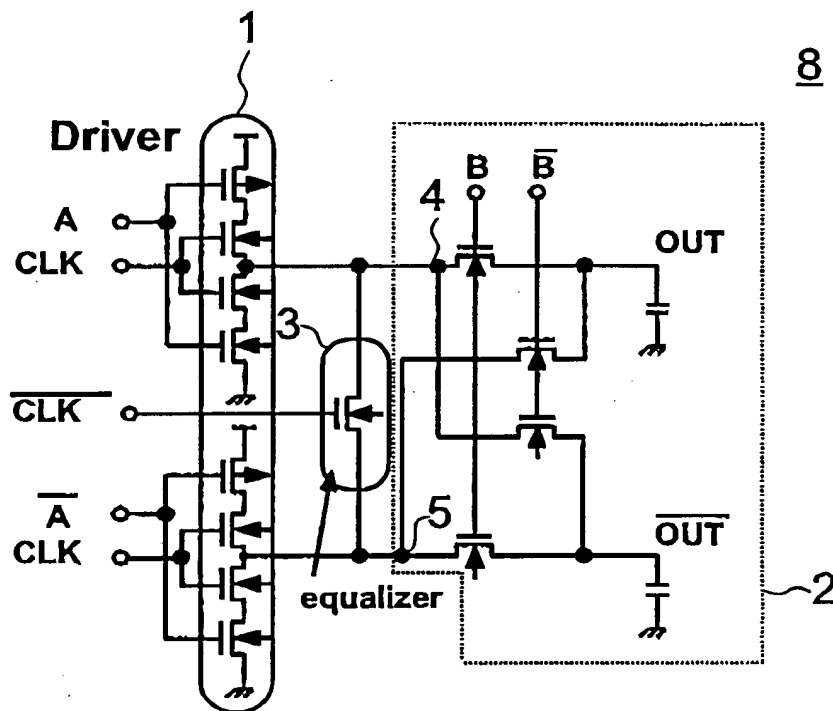


FIG. 5 PRIOR ART

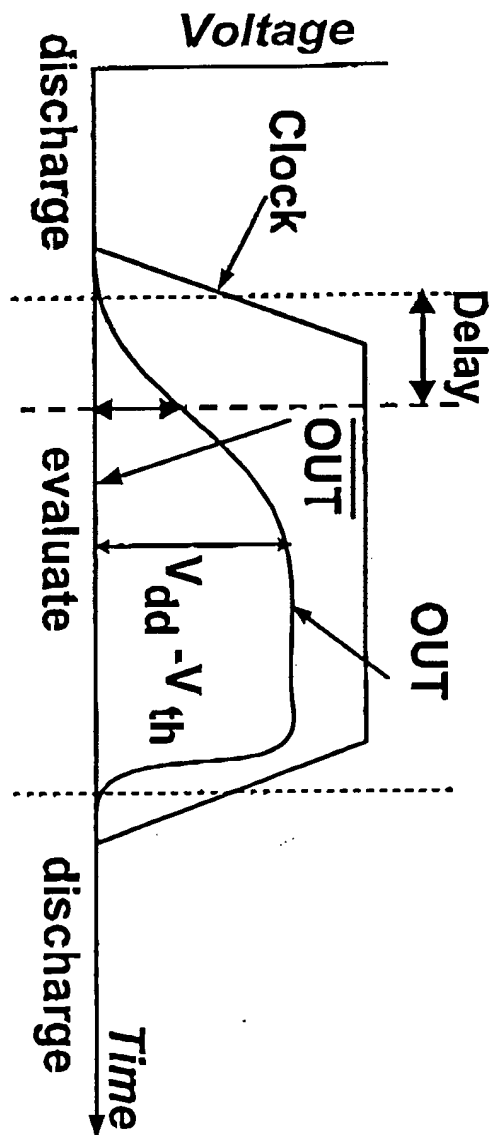


FIG. 6 PRIOR ART

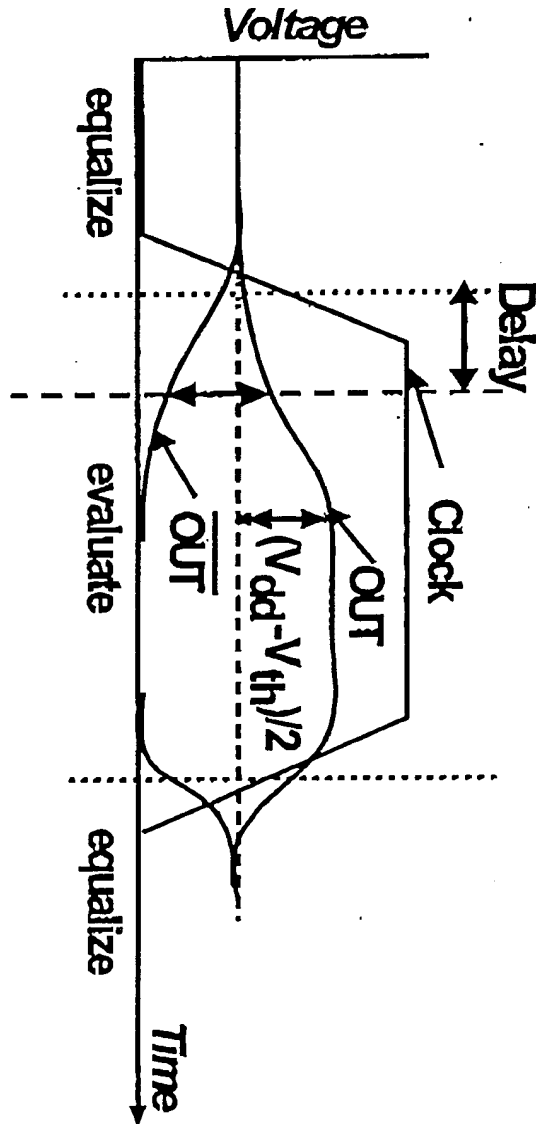


FIG. 7

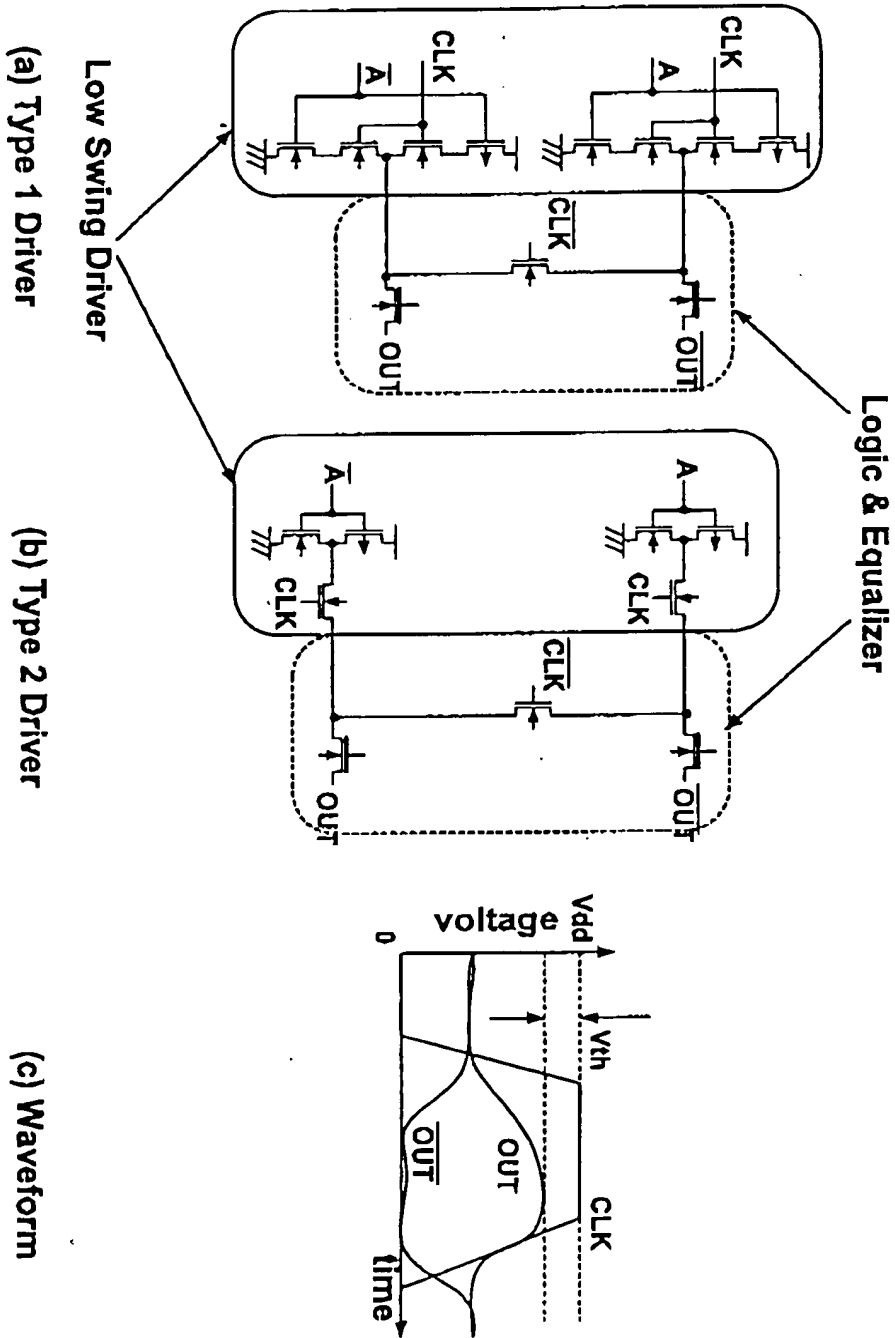




FIG. 8

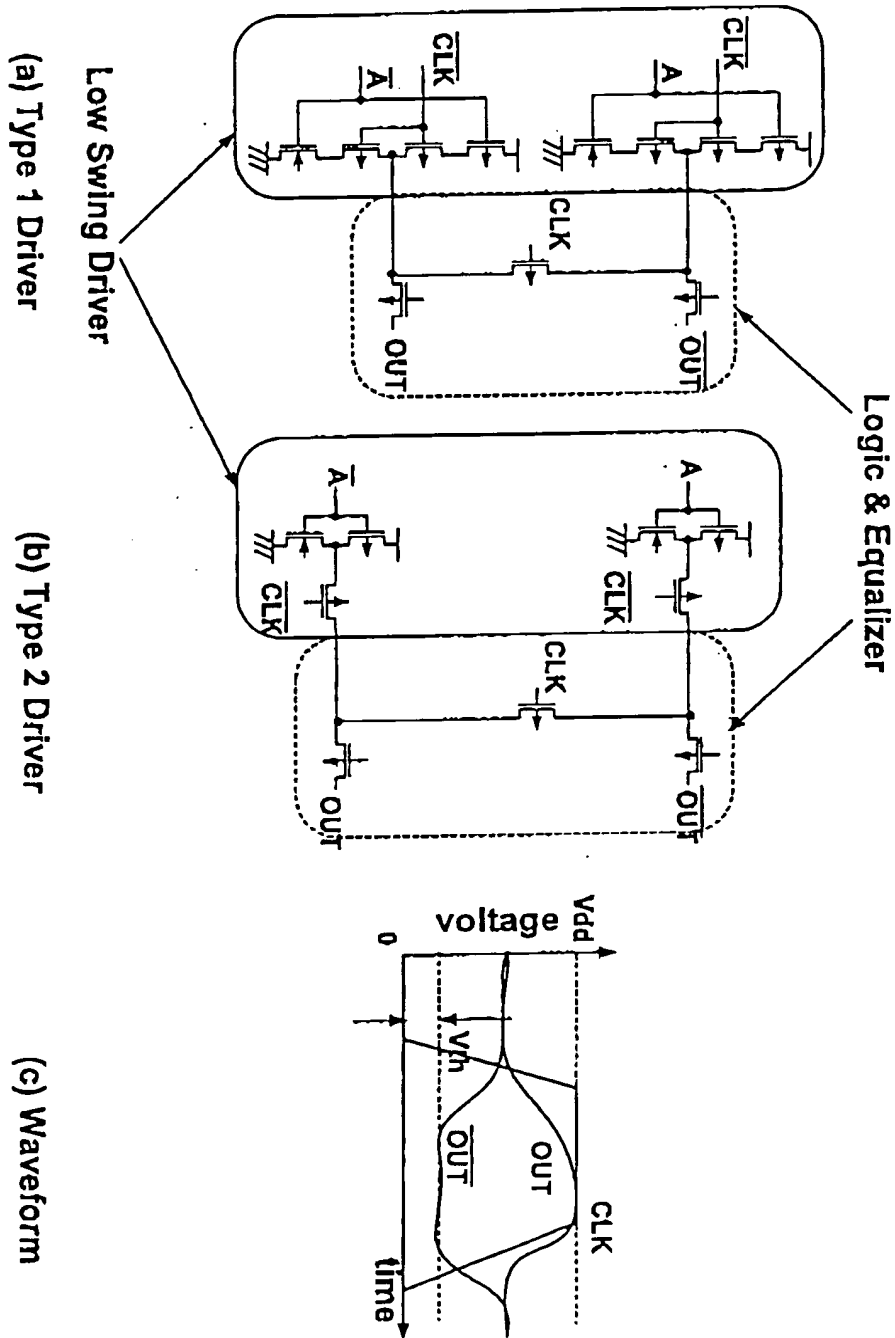


FIG. 9

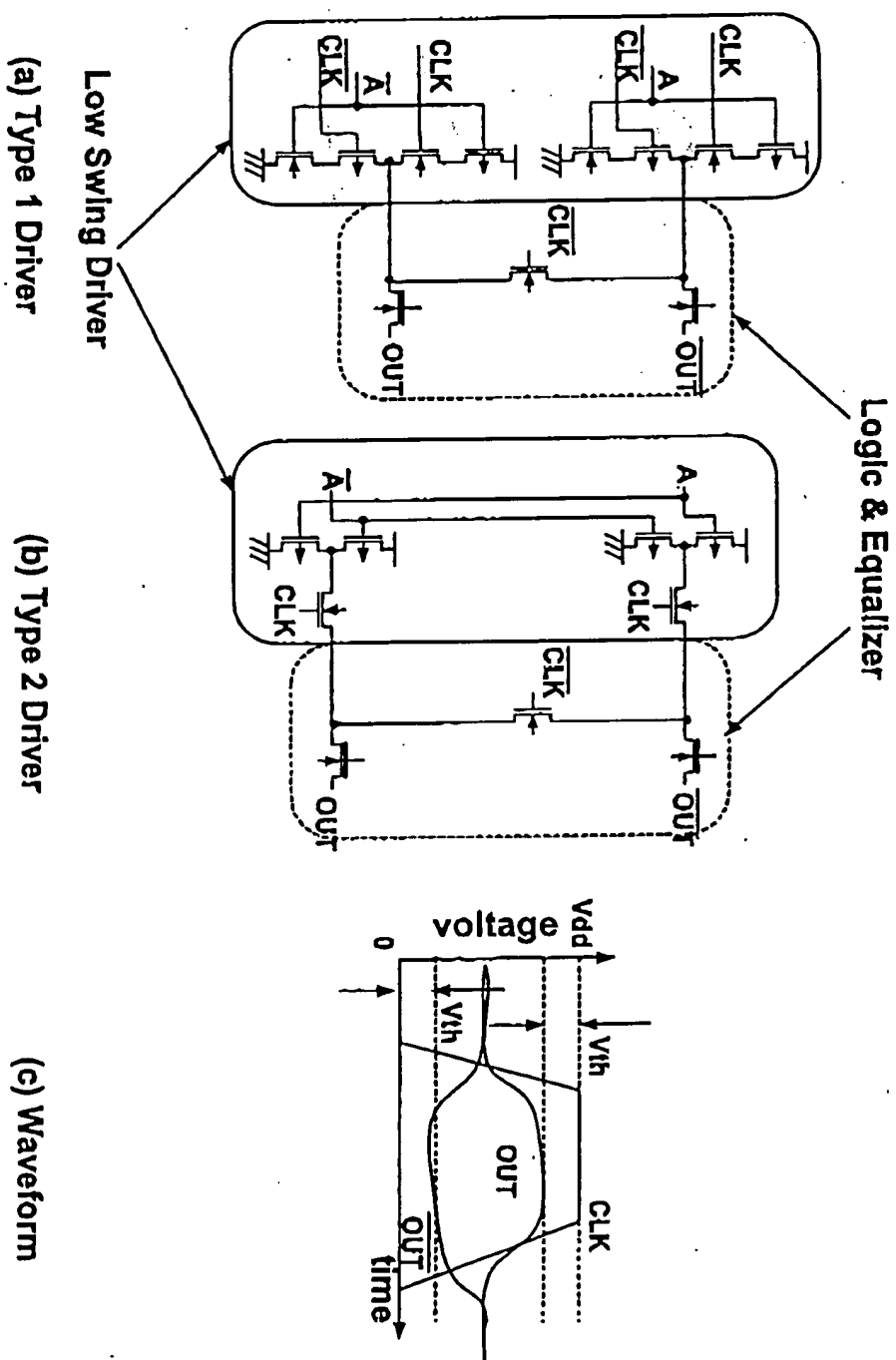
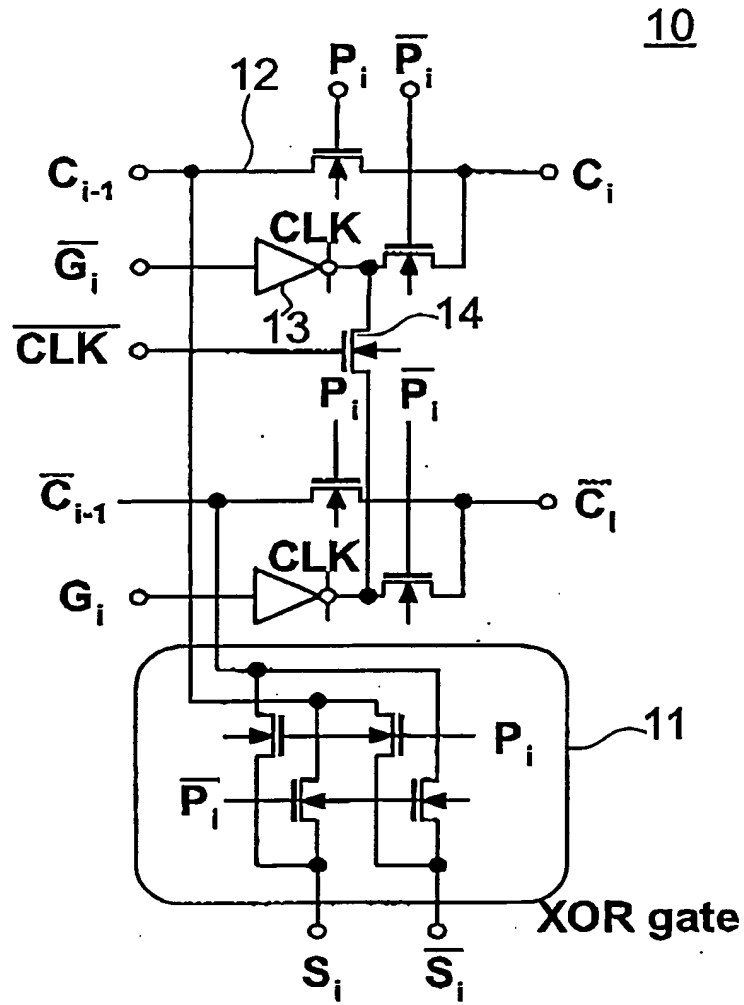


FIG.10



**FIG. 11**

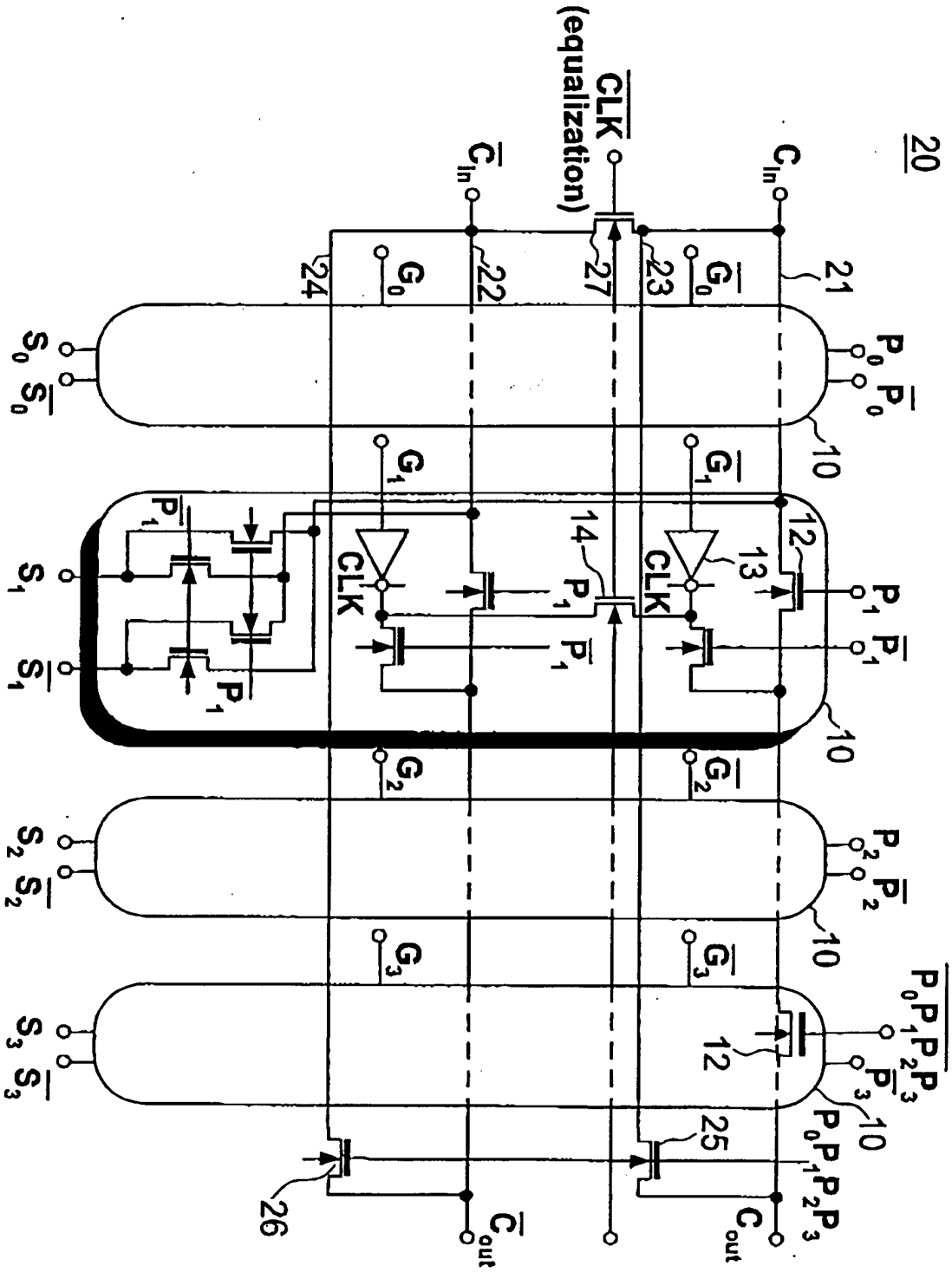


FIG.12

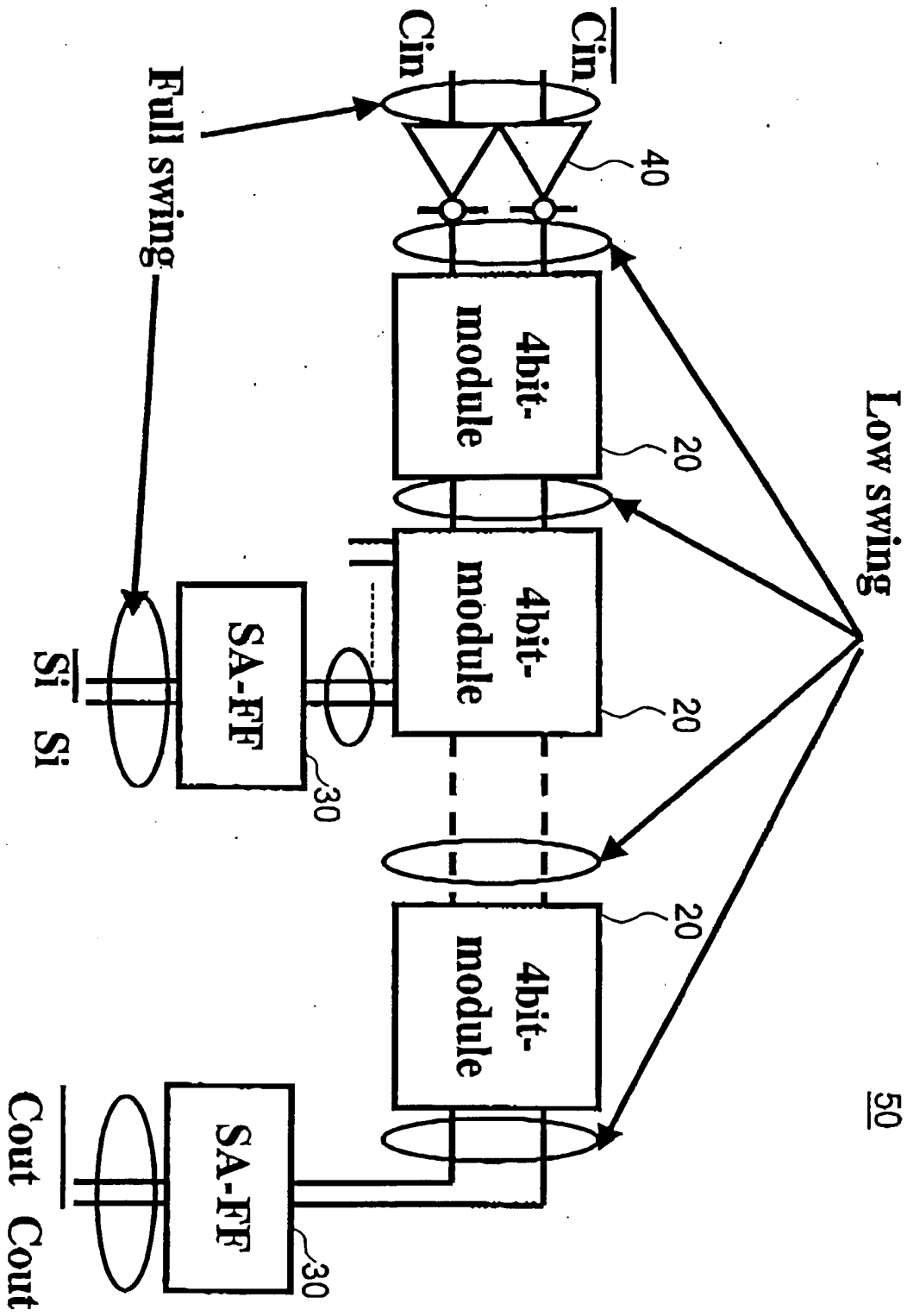
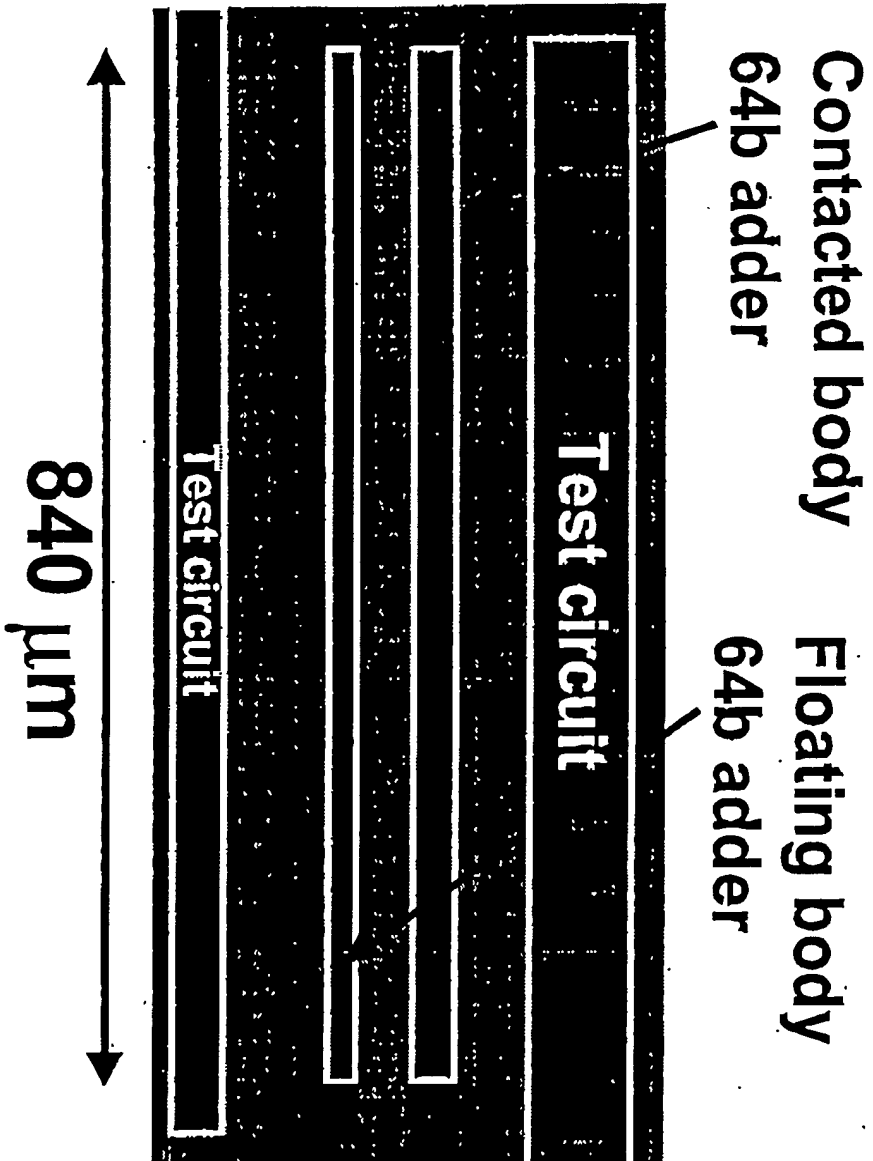
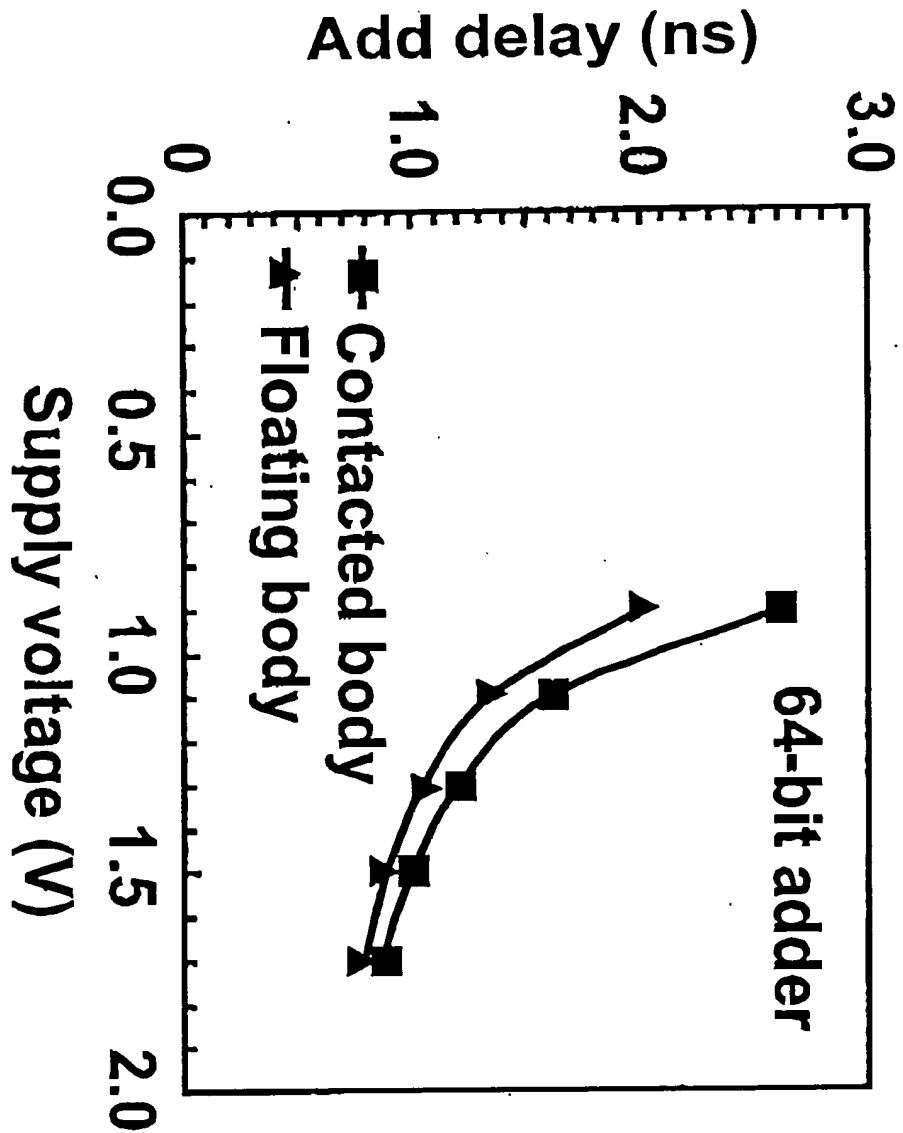


FIG. 13





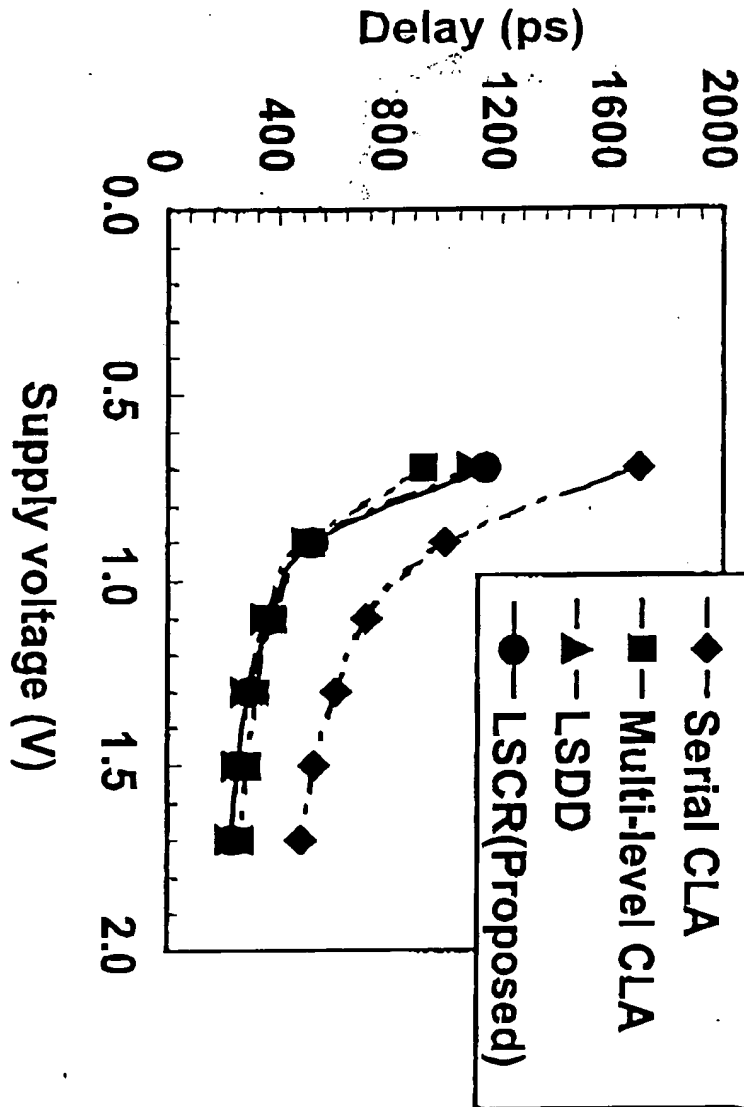


FIG. 15



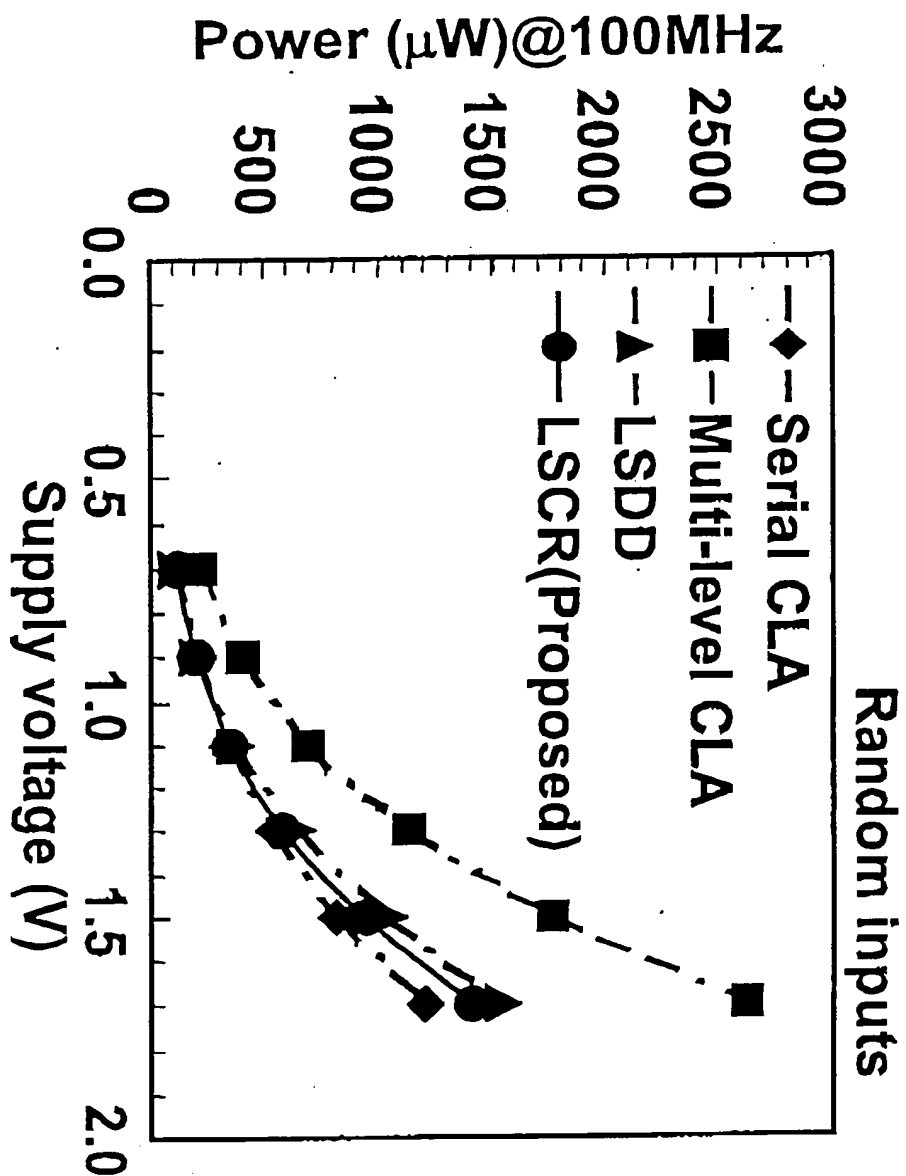


FIG. 16

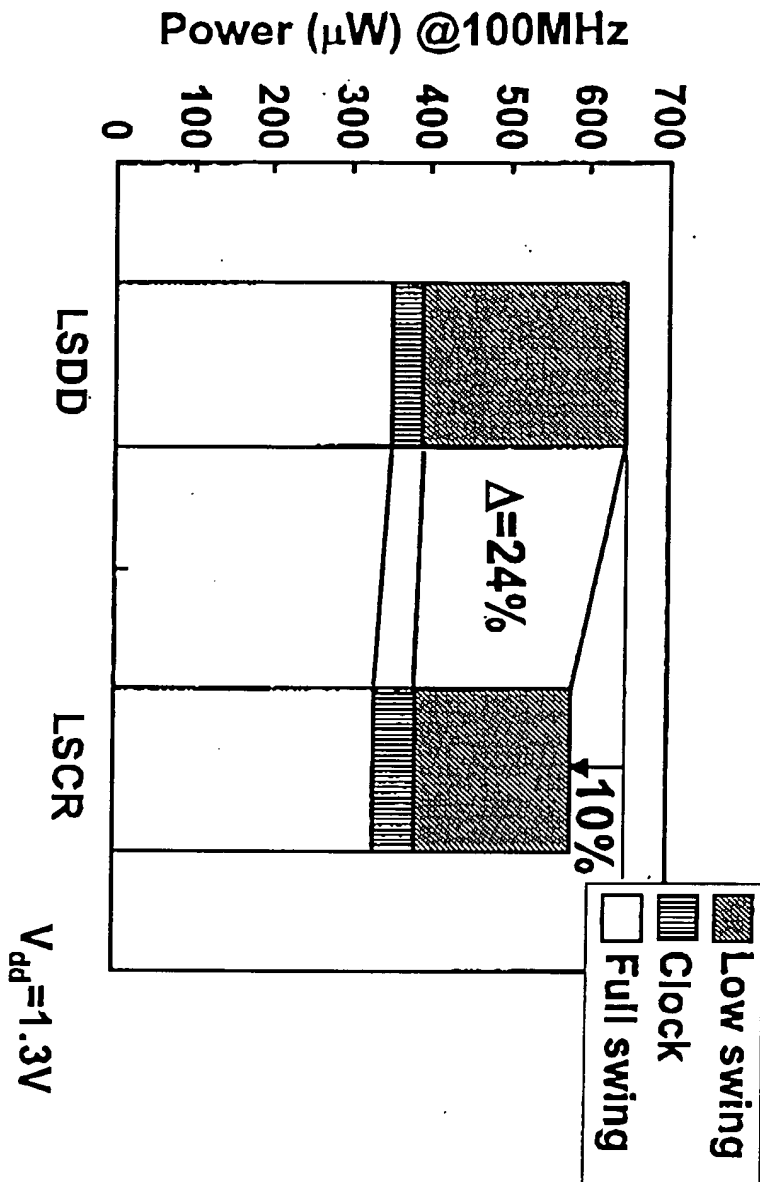


FIG. 17